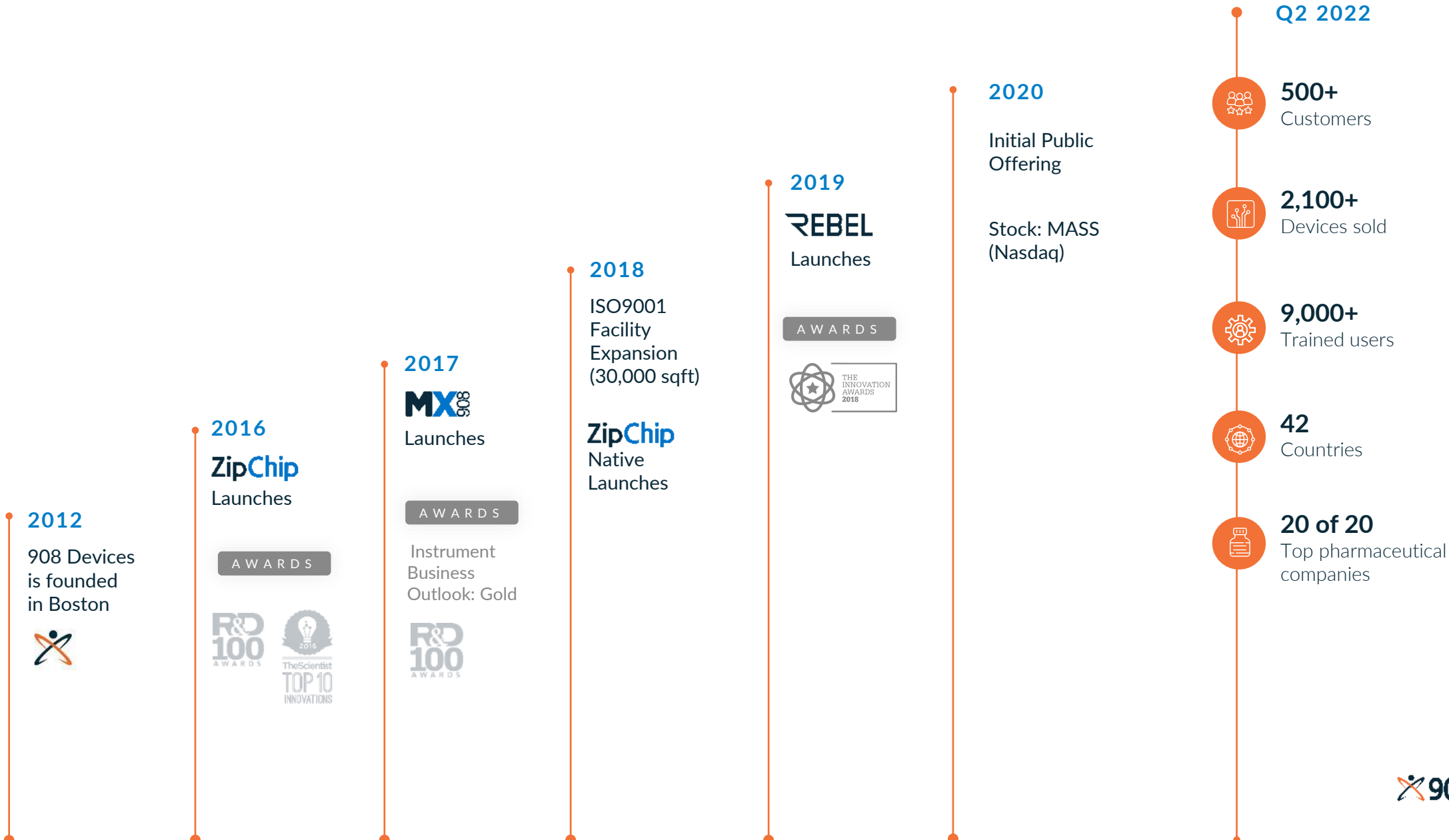




# Analysis for Life

September 2022

# Proven track record and strong momentum



# Our handheld & desktop devices



# Accelerating bioprocess development

Higher Yield, Lower Cost, Higher Quality, Shorter Time to Market, Higher ROI



## Wide coverage

Move beyond the few analytes measured today to >30

## Push button get answer

Filter, dilute and shoot

## 10X cheaper

Not your typical Mass Spec

## 100X less sample

Microscale volume requirements –  $\mu$ Ls not mLs

## 2,000X faster

At-line actionable intelligence in 15 mins, not 3-6 weeks

## Applications

Protein therapeutics

Cell & gene therapies

Viral vector production

CAR-T and Regenerative  
cell therapy manufacturing

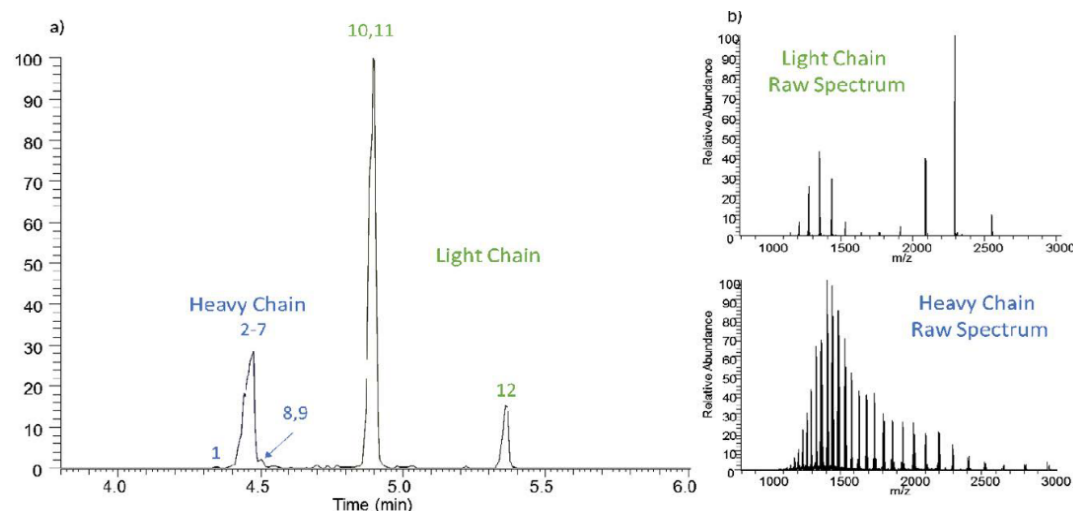
Synthetic biology

# REBEL

# Open access discovery platform

## Plug-and-Play, High Resolution Separation Platform

**35+**  
PAPERS



### Pipeline of point-of-need applications

Native protein analysis  
Intact mass verification  
mAb PTM characterization

Peptide mapping  
Oligonucleotide QC  
Complex proteomics

Diagnostics  
Agrochemical  
Many more!

# ZipChip

# Need to Know More? Please Talk to Us!



## 908D team at CE-Pharm

- Sara Olive – Field Application Scientist
- Ryan Cleland – Sr. Account Manager
- Kate Yu – Director of Applications
- Henry Zhang – Director of PM, ZipChip
- Ning Zhang – Sr. Product Manager

# Posters

1. Expeditious characterization of adeno-associated virus (AAV) capsid proteins using ZipChip microfluidic CE coupled with HRAM MS
2. Increasing intact mAb charge variant separation resolution with microfluidic CE-MS
3. Rapid characterization of oligonucleotides and related impurities using microchip CE-MS without ion pairing reagents
4. Using CE-MS for Accelerated Process Development of a mAb-Expressing CHO Cell Line



# Analysis for life

 908devices

